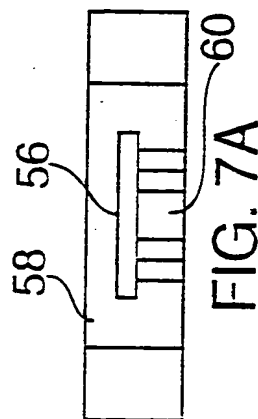
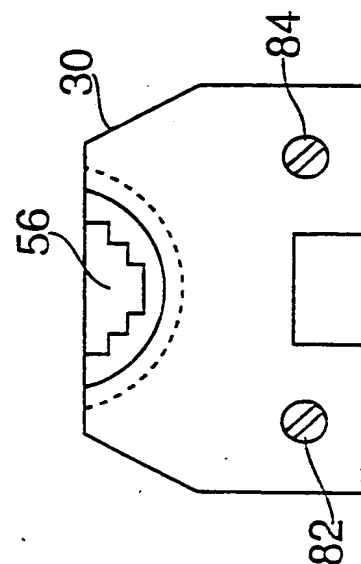


FIG. 1



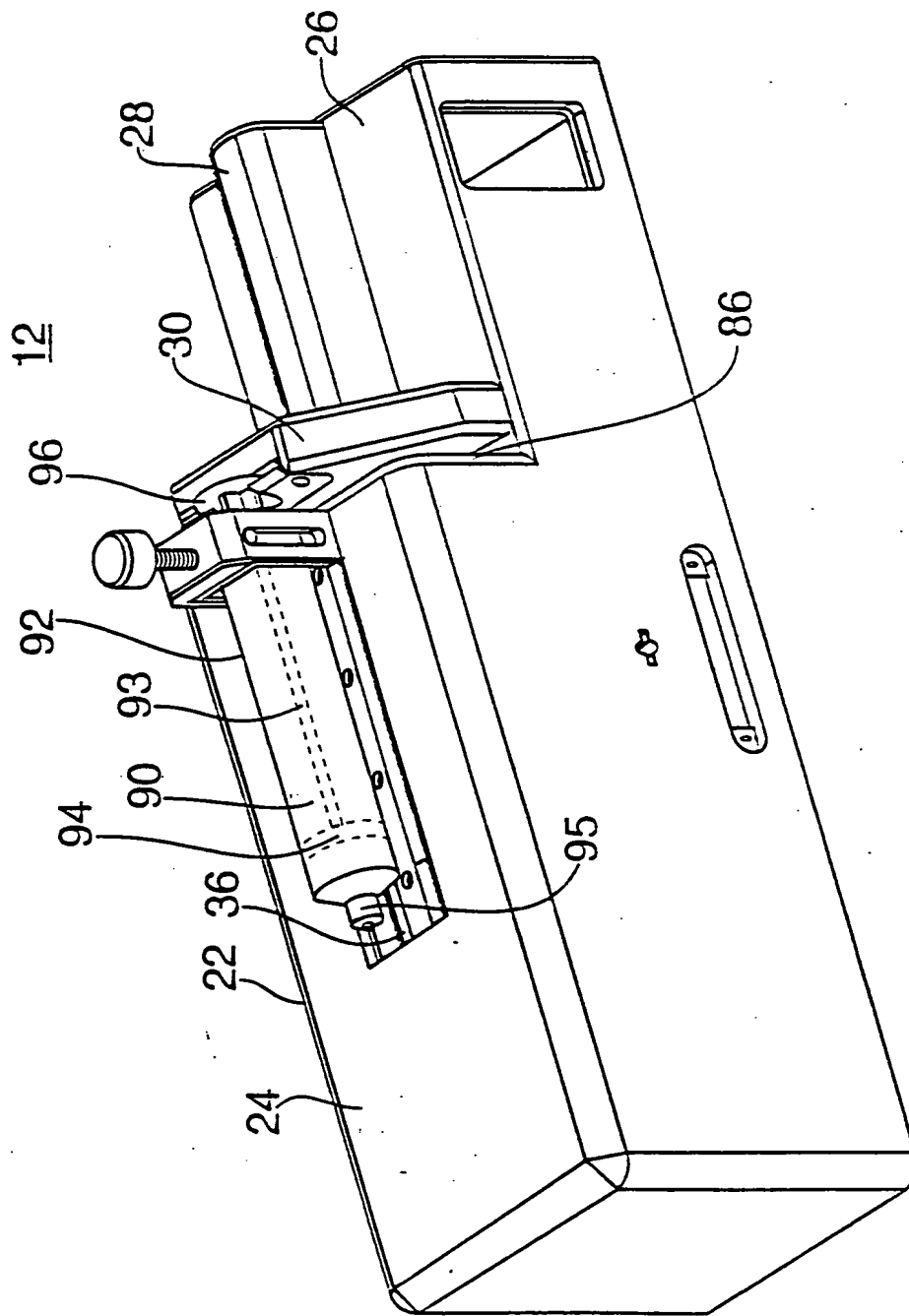


FIG. 2

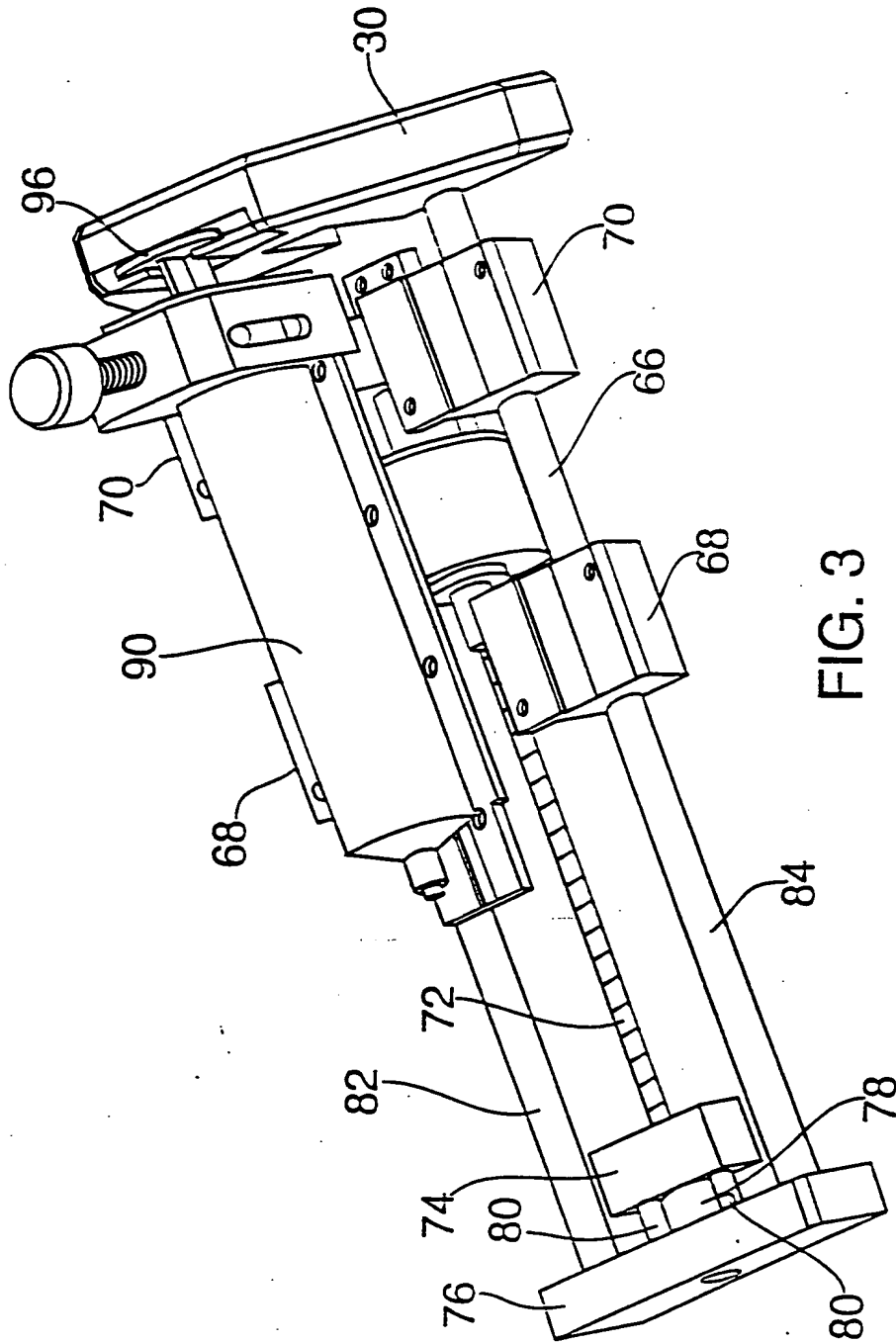


FIG. 3

FIG. 4

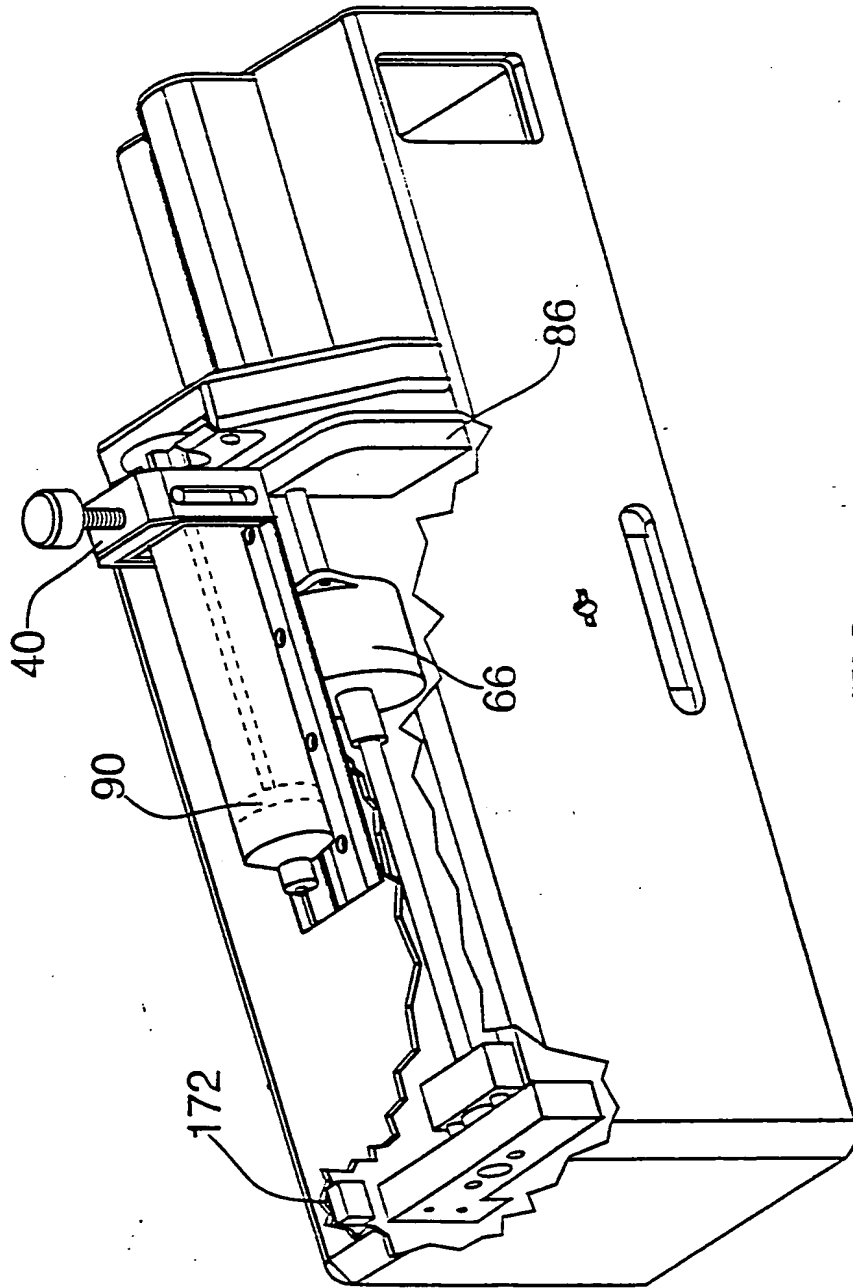


FIG. 4

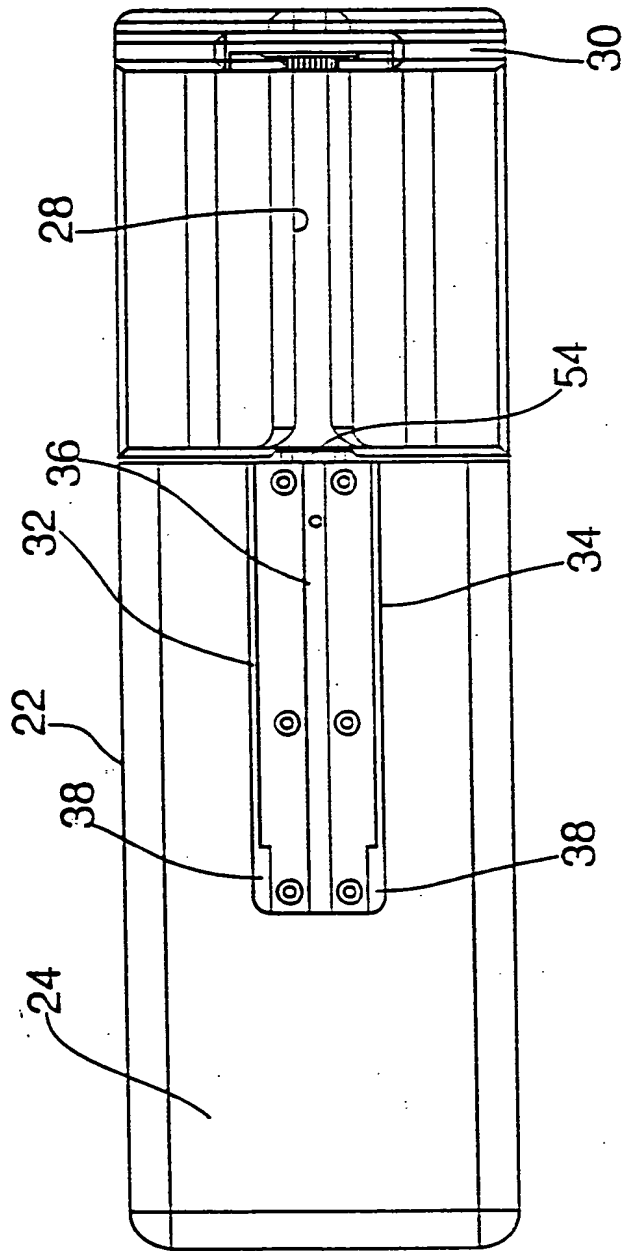


FIG. 5A

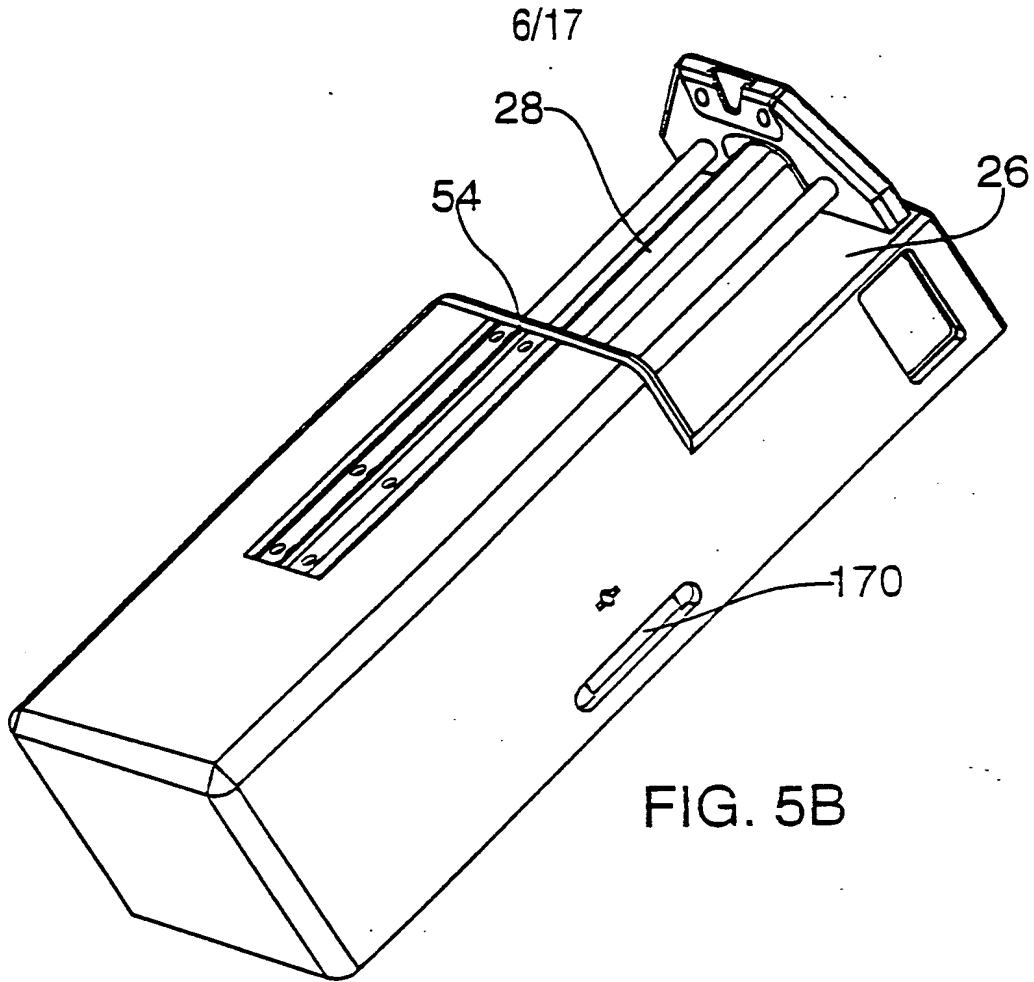


FIG. 5B

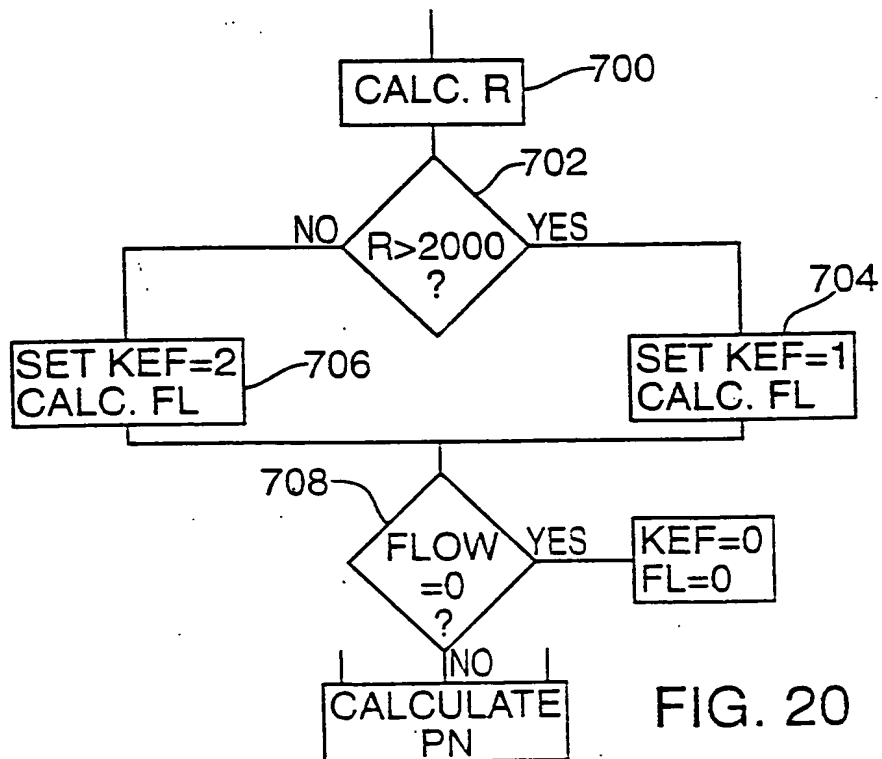


FIG. 20

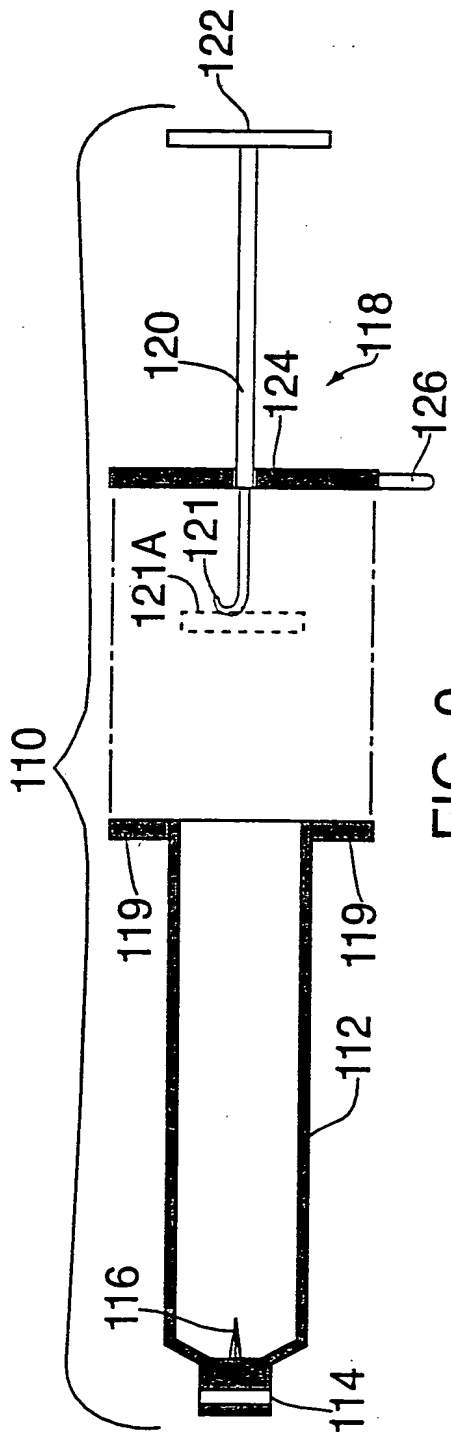


FIG. 9

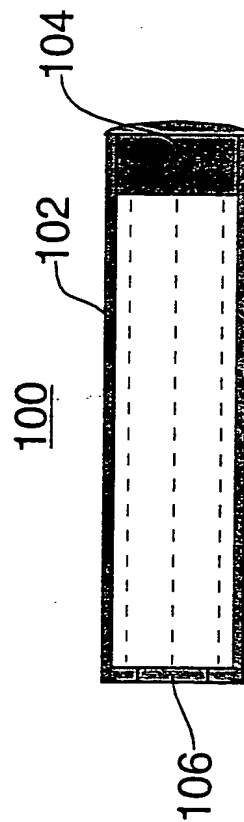


FIG. 8
(PRIOR ART)

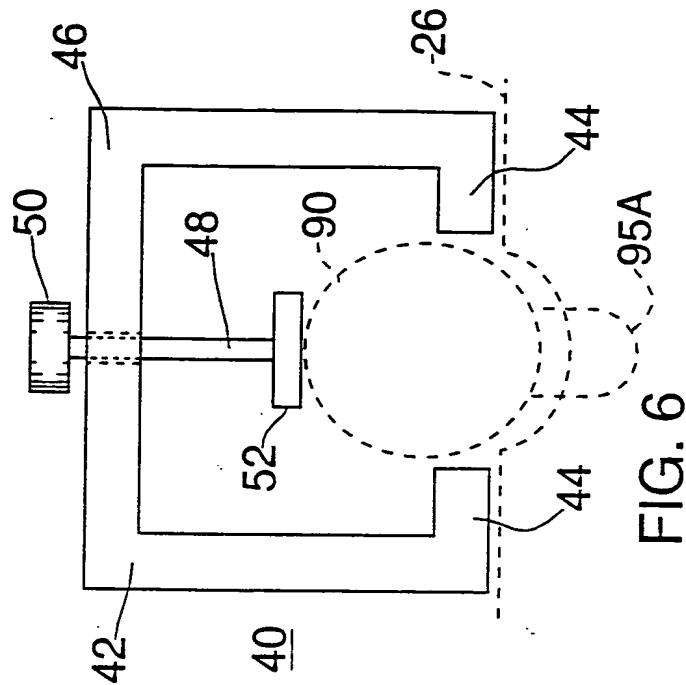


FIG. 6

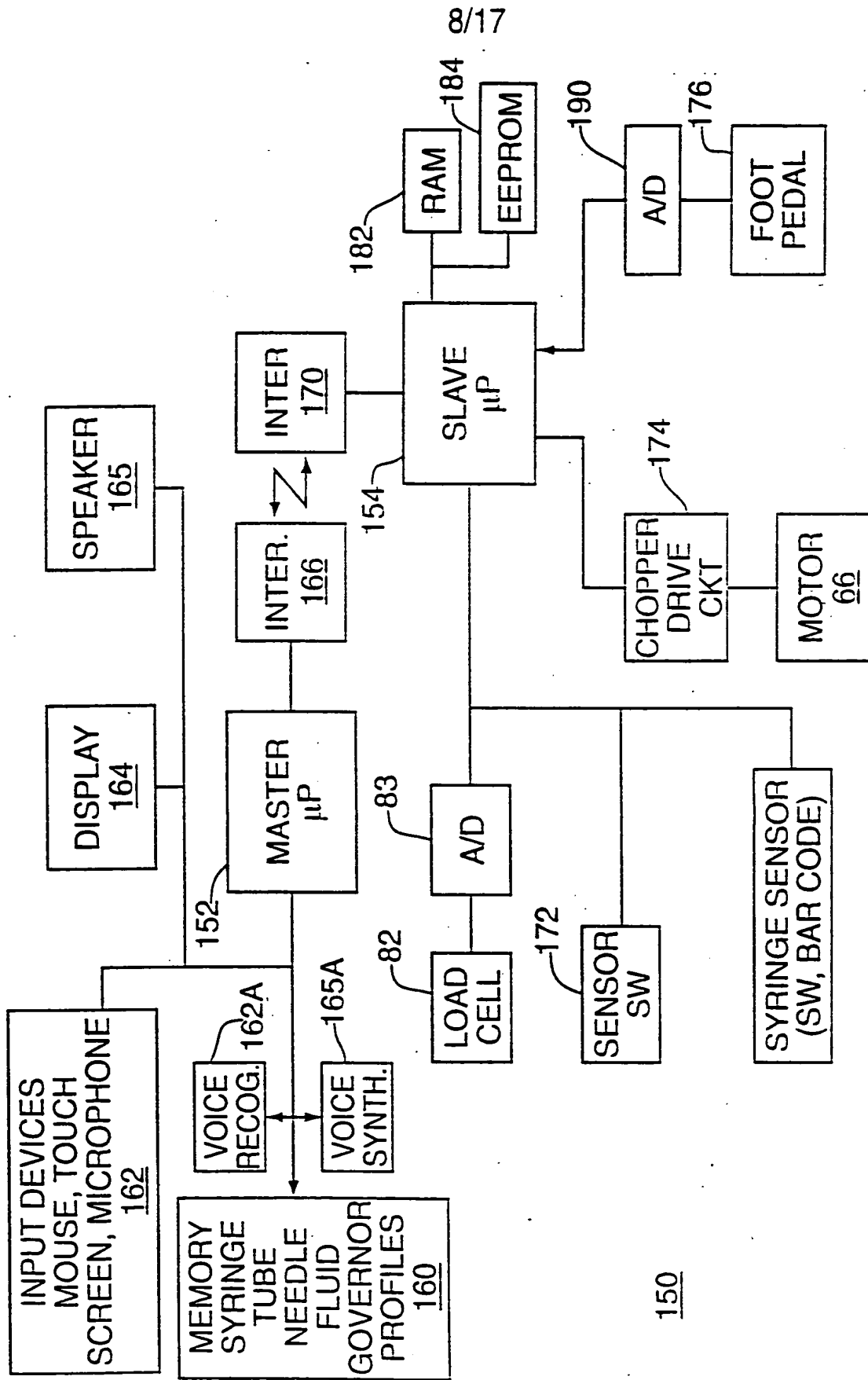
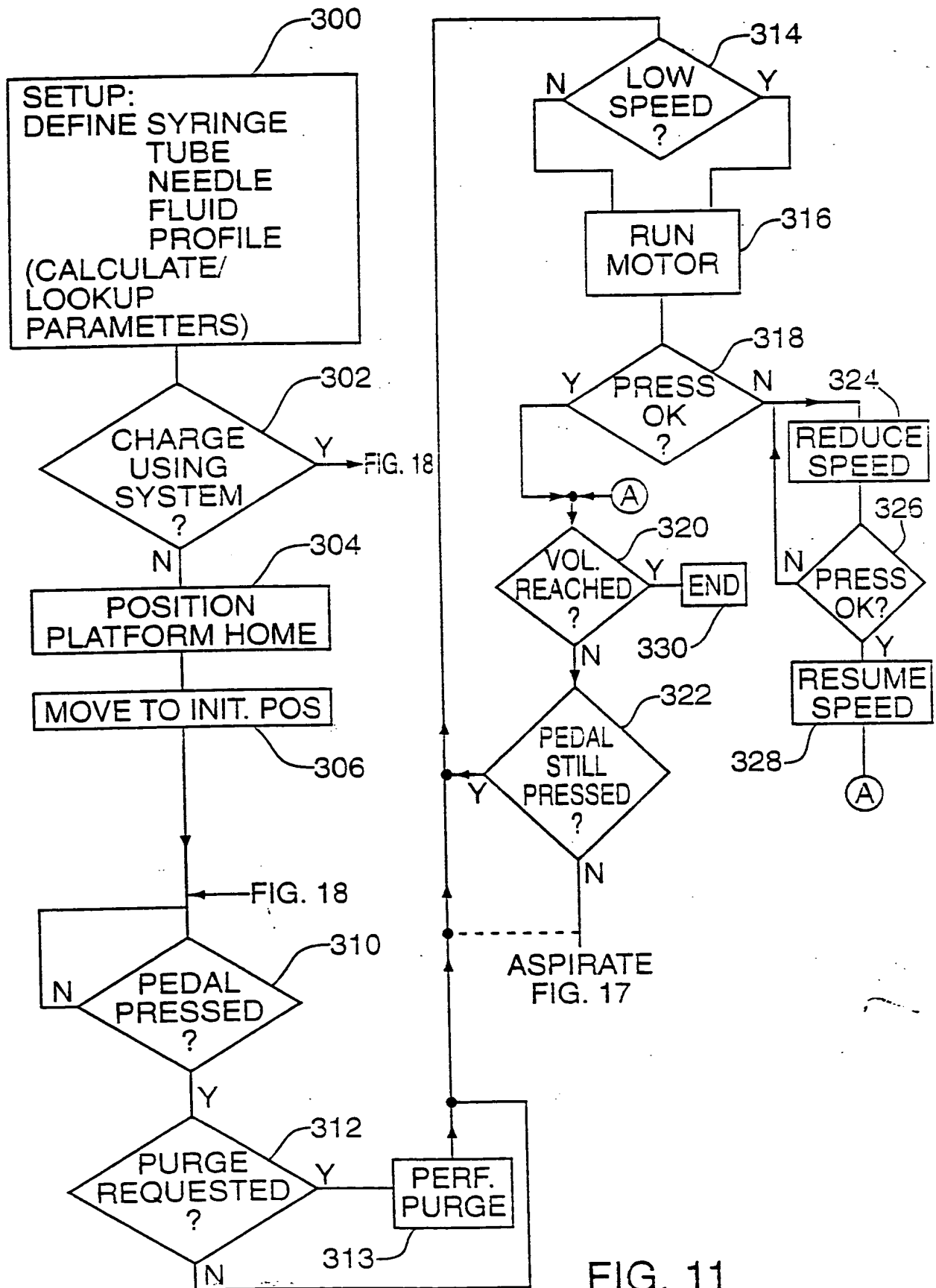


FIG. 10



Machine Profile Setup Screen
Set Values for Components of Delivery System
Setup Variable for Machine

FIG. 12A

Milestone Scientific (Profile Setup)

File Edit Search Run

VOLUME

Release 2.1

-General-

Test Profile Name [Test#1]
 Last Date Modified [10/6/98]
 Last Time Modified [9:07:35AM]

-System Sizes-

Syringe	Nominal Volume [60CC]	Stroke Length [4.25 In.] Syringe Force [2.75 In.] Full Point [0.2 In.]
Needle	[BD305136]	Gauge [27] Length [1.25 In.] Diameter [0.02 In.]
Tube	[Tube#1]	Length [54 In.] Diameter [0.015 In.]
Fluid	[Body]	Viscosity [0.0001] Specific Weight [0.0002] slugs/cubic Inch

-Values-

☐ Tested

Control Type [Injection]

Low Flow [4] CC/Sec
 High Flow [0.5] CC/Sec
 Pressure Limit [40] PSI

Additional Charge Flow [0.5] CC/Sec
 Indicator [1] CC
 Aspirate Volume [0.001] CC
 Flow [0.001] CC/Sec
 Dwell [2] Sec

Purge Volume [1] CC
 Flow [0.2] CC/Sec

Physiologic Source [Electrocardiogram]

-Specifications-

Volume [60] CC

☐ Charged
☐ Charged w/ Air
☐ Charged w/o Air

☐ Aspirate
☐ No Aspirate

-Calculations-

Needle Volume [] CC
 Tube Volume [] CC
 System Volume [] CC
 Volume/Step (.00025 In.) [] CC
 Max Pressure (Low Flow) [] PSI
 Max Pressure (High Flow) [] PSI
 Max Flow [] CC/Sec

FIG. 12B

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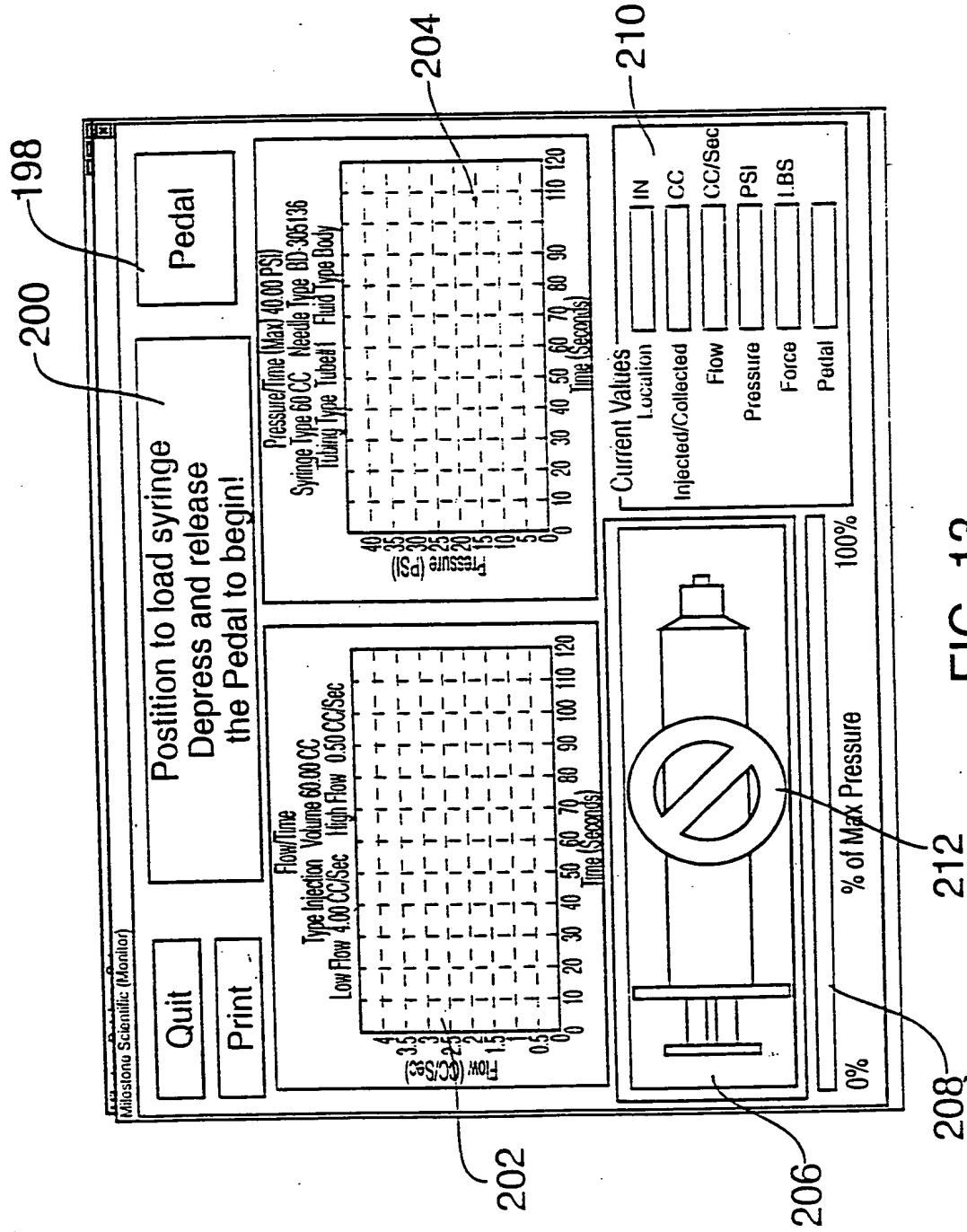


FIG. 13

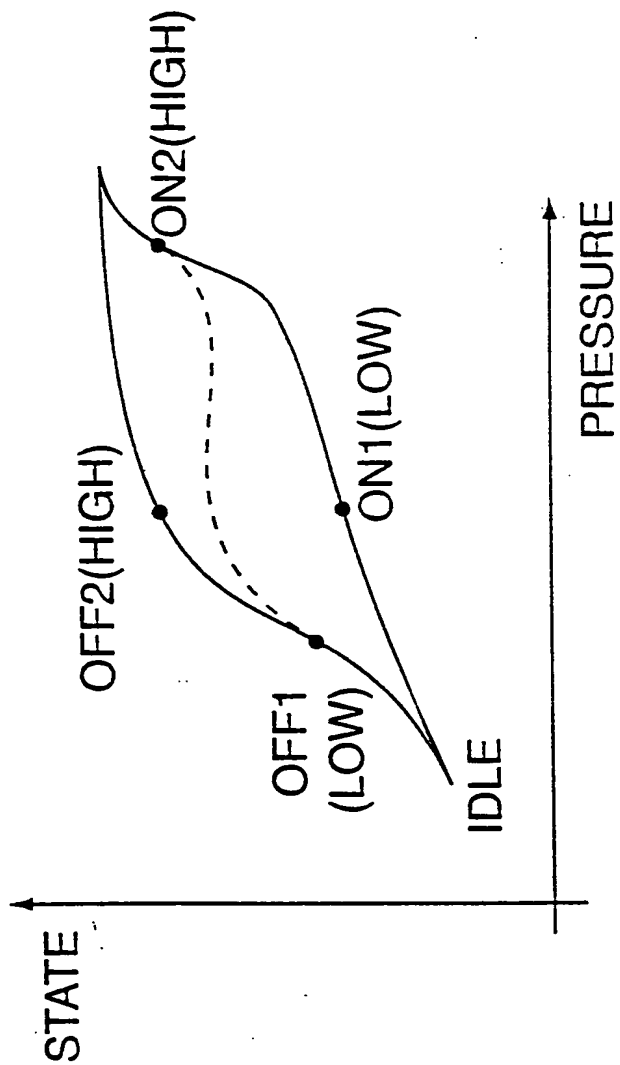


FIG. 14

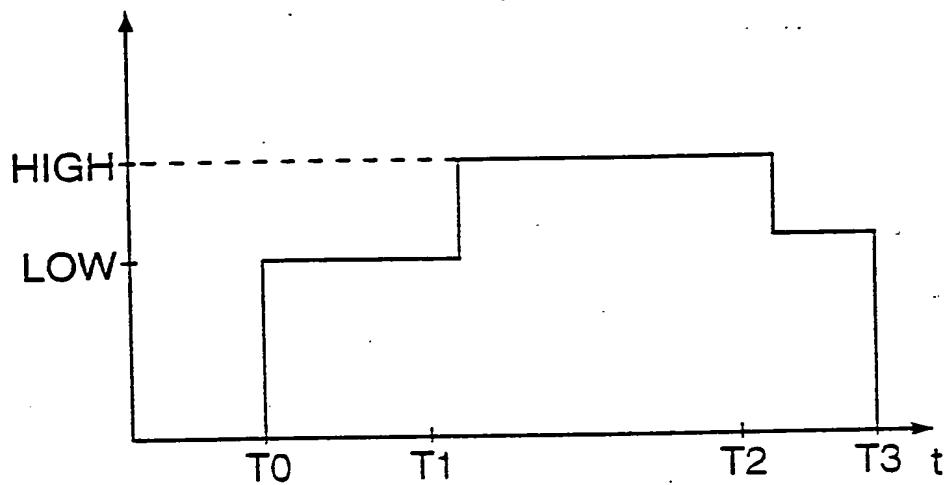


FIG. 15A

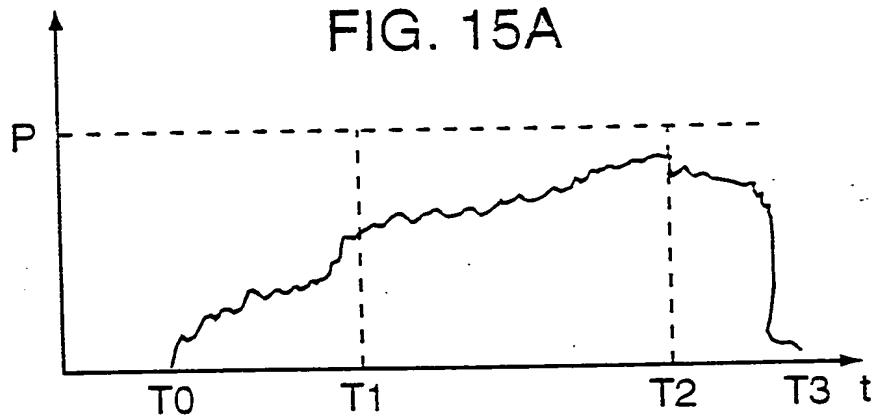


FIG. 15B

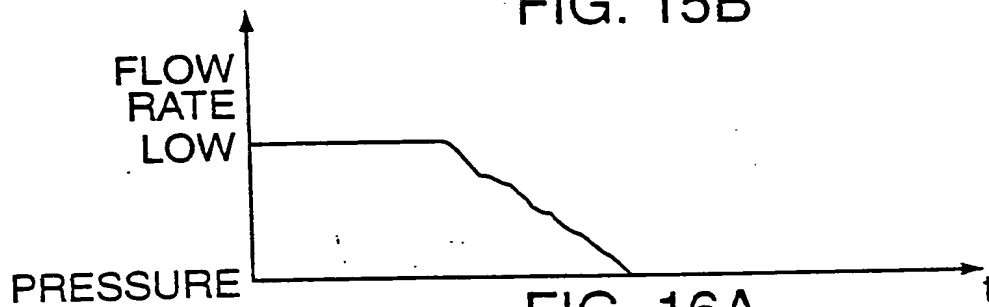


FIG. 16A

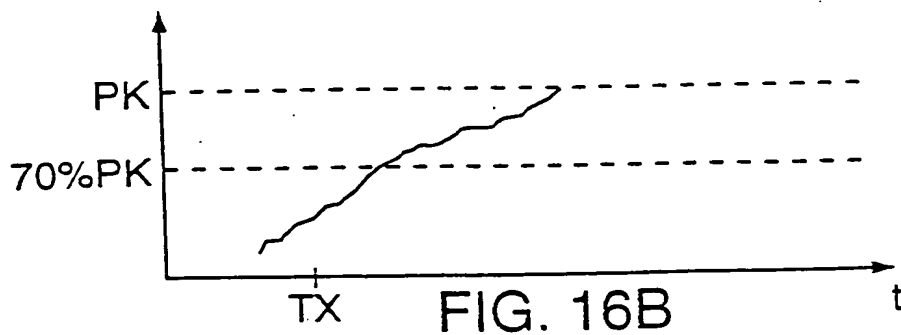


FIG. 16B

FIG. 15A

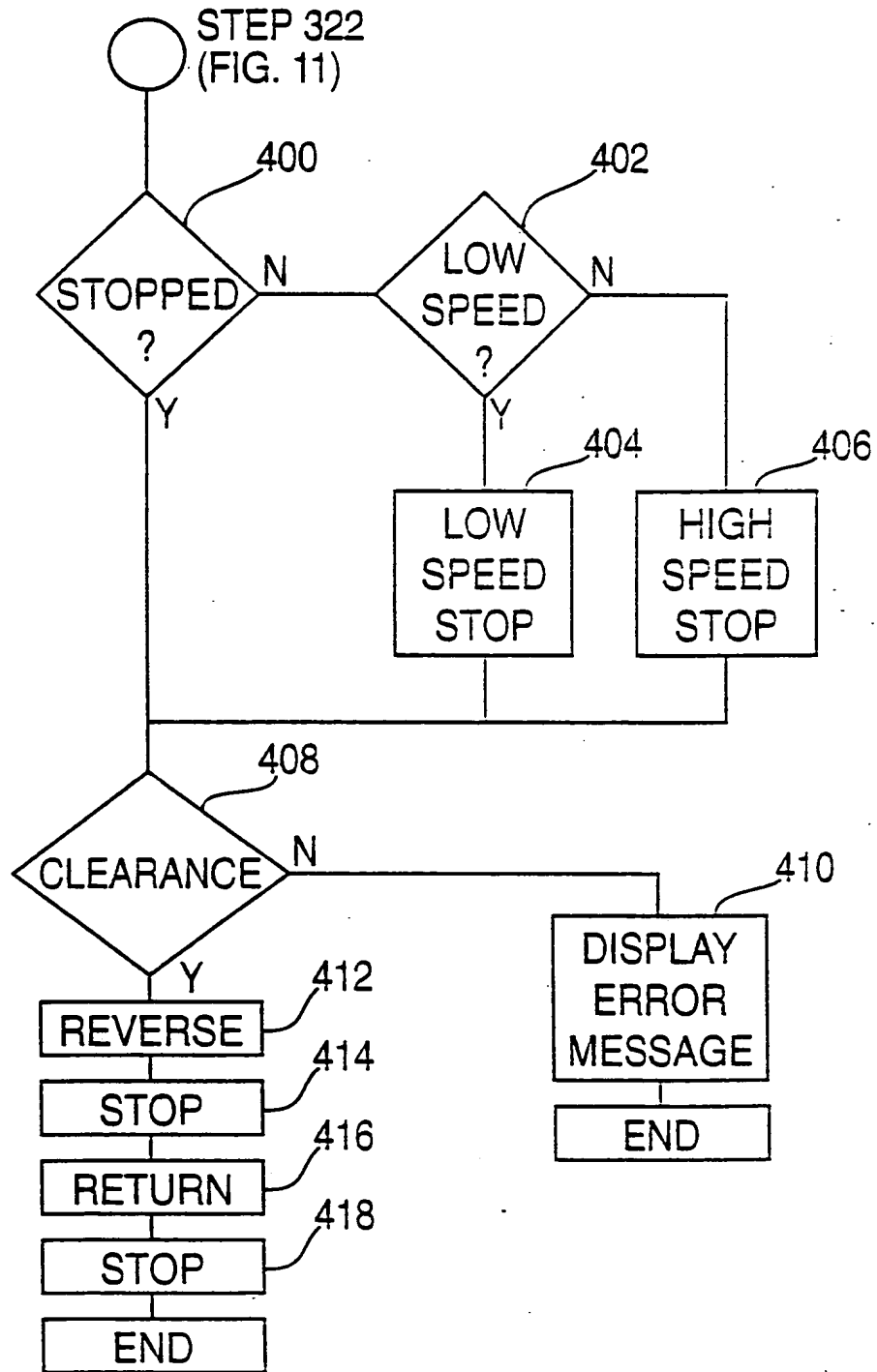


FIG. 17

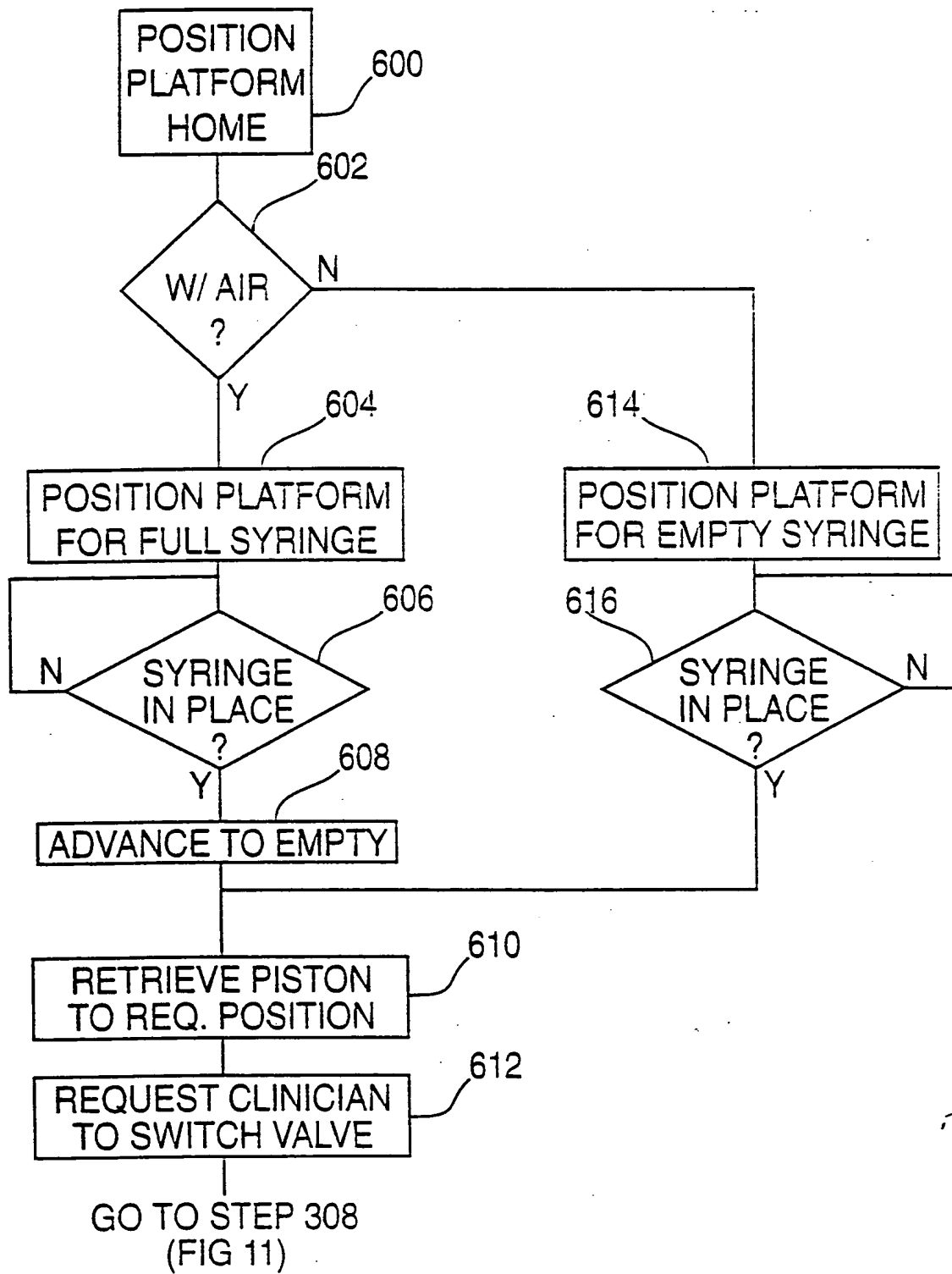


FIG. 18

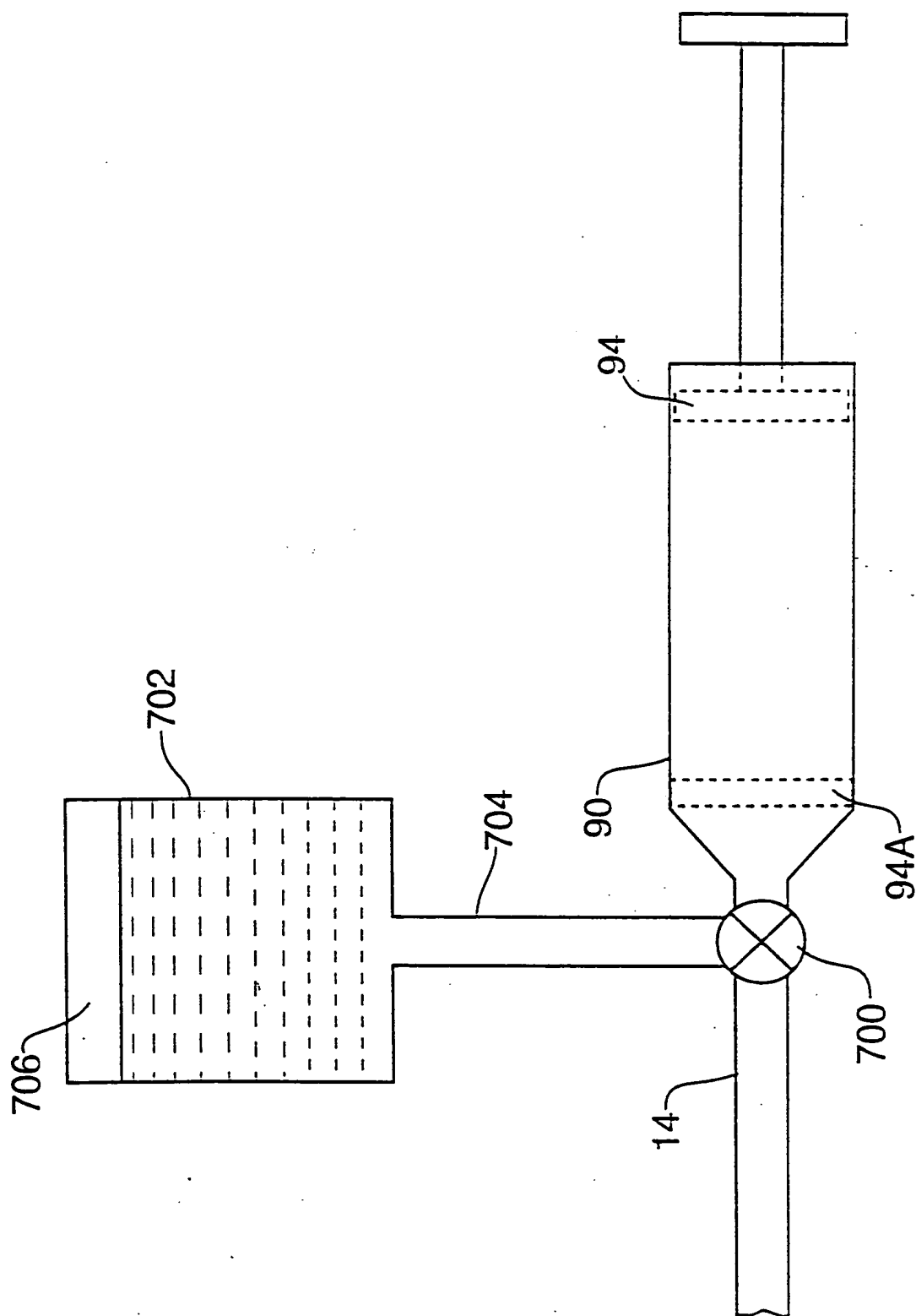


FIG. 19